

# ARNAV MURDANDE

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## PROFESSIONAL SUMMARY

AI & Software Engineer with experience building scalable full-stack applications and applied Generative AI systems. Hands-on work with agentic workflows, LLM-based NLP pipelines, and production-ready backend services using Spring Boot, React, and Python. Seeking roles focused on applied AI and software engineering.

## TECHNICAL SKILLS

**Languages:** JavaScript, Python, TypeScript.

**Backend:** Node.js, Express, Django, Flask.

**AI/ML:** LLMs, RAG, NLP, LangChain, Hugging Face.

**DevOps:** Docker, CI/CD, Git, GitHub.

**Databases:** PostgreSQL, MongoDB, MySQL.

**Cloud:** AWS (EC2, S3), Linux, Cloud Deployment.

## EXPERIENCE

**DMS Support Intern — Eazy ERP Technologies Pvt. Ltd.**

*Feb 2026 – Aug 2026*

- Delivered ERP/DMS technical support resolving issues, troubleshooting workflows, coordinating bug fixes.
- Trained users on platform features and improved adoption of inventory, document, and operational modules.
- Documented recurring issues and shared feedback to improve knowledge resources and usability.

## PROJECTS

**Intelligent Agent Workflow (CodeWithMee)**

*Java, Spring Boot, React, Gemini 2.5*

- Built an agentic workflow integrating Gemini 2.5 model for interactive coding queries and explanations.
- Designed automated reasoning steps, tool-use planning, and context-aware instruction generation.
- Integrated YouTube, IDE, and challenge modules with AI-powered personalized guidance.

**Academic Timetable Scheduler**

*Node.js, Express, PostgreSQL, React*

- Built a conflict-free scheduling algorithm with a normalized relational schema for 500+ allocations.
- Optimized query performance using indexes and transaction-safe operations, reducing response time.
- Achieved 95% test coverage with automated CI pipelines and real-time resource tracking.

**LLM Performance Analysis Dashboard**

*Python, Power BI, Plotly*

- Built dashboards tracking model accuracy, inference latency, cost metrics, and resource usage.
- Designed an anomaly detection layer for compliance and reliability monitoring of AI models.
- Built automated evaluation metrics, test scenarios, and validation checks for reliability.

**Multilingual LLM Summarization System**

*Python, Hugging Face, Transformers*

- Developed a multilingual NLP pipeline with summarization, NER, and citation extraction.
- Implemented BART-based and Gemini-based text summarization with optimization for long documents.
- Built an evaluation workflow to measure ROUGE scores, latency, & hallucination checks.

## EDUCATION

**Ramrao Adik Institute of Technology, Navi Mumbai**

**August 2026**

B.Tech in Computer Engineering | CGPA — 7.9 | Current Semester SGPA — 8.89

## ACHIEVEMENTS AND HACKATHONS

- **Google Agentic AI Day - Finalist** – Top 50 of 1,200 + ; built GenAI application with API-driven architecture.
- **Quasar 3.0 Hackathon** – Developed platform with automated testing, 95% code coverage, and CI/CD pipelines.

## CERTIFICATIONS

- **Google Data Analytics Certificates** – Data Analytics & Advanced Data Analytics (SQL, Python, R, ML)
- **IBM Data Science Professional Certificate** – Python, SQL, Data Analysis, Visualization, Machine Learning
- **AWS Academy Graduate** – Cloud Foundations & Cloud Architecting (AWS services, architecture, deployment)
- **IBM Full Stack Software Developer Professional Certificate** – React, Node.js, Docker, Kubernetes, CI/CD

## INTERESTS

Chess, Reading, Gaming, and Exploring personal web development projects.